

ABSTRACT OF THE DISCLOSURE

An improved grinder including a hollow housing, a spindle, a grinding device, an adjusting device, and a driving device. The housing has a housing ring at an upper portion and a partition seat with a seat hole at a lower portion. The housing ring has a ring with a housing hole. The spindle is angular and has a baffle piece at a bottom thereof. The grinding device is comprised of a conical grinding disk and a circular, stepped grinding base. The grinding disk has a central angular hole for passage of a spindle to achieve linking-up movement. Disk wings extend from a periphery of the angular hole, with disk teeth inter-disposed among the disk wings. The grinding base includes a base rim and a grinding cylinder on the base rim for insertion into the seat hole. The grinding cylinder has oblique grinding teeth on its inner surrounding wall. The spindle is passed through the grinding cylinder to bring the grinding disk to rotate, so that spice disposed between the disk wings and the grinding teeth is ground into pieces, which are further ground by the disk teeth and the grinding teeth into spice powder of a particle size capable of passing out of the clearance. The adjusting device includes an annular base disk with disk wings at both sides connecting to a disk post. The disk post has a disk hole and two disk grooves. A disk

packing is placed in the disk hole while two packing wings are disposed in the two disk grooves. A screw rod of a knob is passed through the disk post to lock with a packing piece. By turning the knob, the disk packing may be caused to displace upwardly and downwardly, so that the spindle connected thereto displaces upwardly and downwardly to adjust the size of the clearance between the disk teeth and the grinding teeth. Screws are passed through the base disk to lock the grinding base to the bottom of the partition seat. The driving device includes an angular hole engaging the spindle for driving the latter.